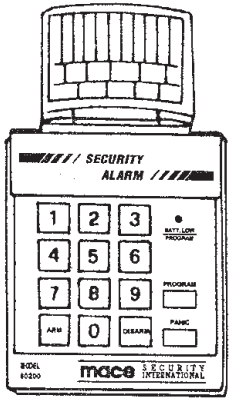
mace®

MOTION DETECTOR WITH SECURITY ALARM



MODEL #80200

INTRODUCTION

The Motion Alert's unique passive infrared system concentrates motion detection on an area you select. The motion detector responds only when a person moves into range of the sensor and will sound an alarm. In the Entry Chime mode, the chime will sound each time motion is detected.

FEATURES

- motion sensor detects motion & activates alarm
- programmable security code and entry delay timing
- adjustable sensor head
- built-in high output 105dB alarm
- alarm/door chime option
- panic button
- program & low battery indicator
- verification tone for key pad and arm/disarm
- 9V battery operated/AC adaptor compatible (not included)

IMPORTANT SAFETY TIPS

- Do not install alarm where it will be exposed to direct sunlight or rain
- The alarm siren is very loud, never put the unit close to your ear
- The unit should be directed away from heat sources such as radiators, heating ducts and stoves. If the alarm sounds at random, it is possibly located too close to a heat source. Change the location or direction of the unit.
- If you make an error or the unit does not respond properly during the programming procedure—or if you forget the password—remove the battery and wait 3 minutes for the unit to rest, then replace the battery. This resets the system to the default settings so you can begin reprogramming.

INSTALLATION

Remove the screw from the battery compartments cover, slide it down to remove the cover.

Install an alkaline 9 Volt battery (FIG. 1)

Replace the battery cover and the screw

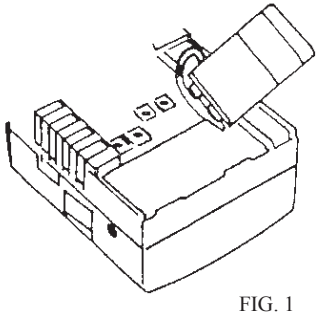


FIG. 1

FOR WALL MOUNT

Using the battery cover as a template, mark the location of holes and install anchors and screws. Place the unit over the screws and slide the unit down to secure in place. (FIG. 2)

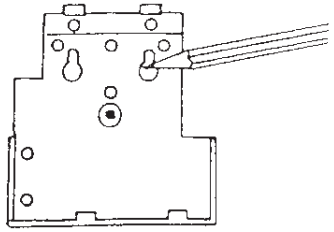


FIG. 2

We suggest that you mount the unit between 3 to 6.5 feet (1 to 2 meters) above the floor and position the adjustable sensor head to the left or right to obtain the best coverage of the protected area.

NOTE: unit can also be installed with Velcro (not included)

FOR SHELF TOP INSTALLATION

Turning the sensor head clockwise, rotate it 180 degrees, so it is facing backwards. The head can then be adjusted upward to the desired angle for coverage. Lay the unit flat on top of a shelf as shown in figure 3.

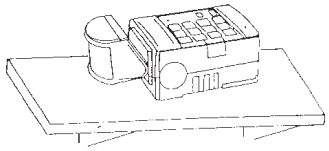


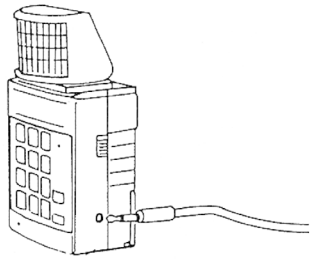
FIG. 3

TO USE AN AC ADAPTOR

(not included)

The unit can be powered with an AC adaptor with output 9V DC 200 MA with 3.5mm diameter male plug, center positive (+). Plug to the adaptor jack on the side of the unit (FIG 4).

FIG. 4



PROGRAM SETTINGS

The security code is factory set at 0-0-0. After you install a battery you can program your own security code, using up to six digits. If more than 6 digits are entered you will hear an error tone.

continued on back >>>

TO PROGRAM THE SECURITY CODE

1. Press the digits 0-0-0
2. Press the PROGRAM button
3. Enter your new code number (up to six digits)
4. Press the PROGRAM button again

TO CHANGE EXISTING CODE TO A NEW CODE

1. Enter the old code number
2. Press the PROGRAM button
3. Enter your new code number (up to six digits)
4. Press the PROGRAM button again

TO PROGRAM THE ALARM TIMING

1. Press the PROGRAM button
2. Choose one of three options:
   - **Press 1** for 30 second alarm, 2 cycles, 30 seconds rest in between or;
   - **Press 2** for 60 second alarm, 2 cycles, 30 seconds rest in between or;
   - **Press 3** 90 second alarm, 2 cycles, 60 seconds rest in between

The default setting is Option 1

TO PROGRAM THE ENTRY DELAY TIMING

1. Press the PROGRAM button
2. Choose one of three options:
   - **Press 7** for 15 second delay *(default setting)*
   - **Press 8** for 8 second delay
   - **Press 9** for 0 second delay/instant alarm

NOTE: For added protection the unit can only be programmed when it's set to the DISARM mode.

TO ARM THE UNIT

1. Enter your security code (or 0-0-0 if you did not change the code)
2. Press the ARM button, you should hear 3 short beeps to confirm that the unit is armed

NOTE:

- *make sure the chime switch is set to OFF before arming the unit*
- *There will be a beep after 60 seconds sensor warm-up and exit delay after arming the unit*

TO DISARM THE UNIT

1. Enter your security code
2. Press the DISARM button, you should hear one beep to confirm that the unit has been disarmed

ACTIVATING THE DOOR CHIME

1. Slide the chime switch to ON
2. Wait for 60 seconds after a beep for the sensor to warm up
3. Whenever movement is detected the unit will sound a "DING-DONG" chime
4. Slide the switch to OFF to deactivate the door chime mode

NOTE: the door chime does not function when the unit is in ARM mode

PANIC BUTTON

Pressing the PANIC button triggers an immediate 30-second alarm. To stop the alarm enter your security code and press the DISARM button.

TESTING THE DETECTION AREA

After selecting a location for installation of the unit, turn the chime on and wait 60 seconds for the sensor to warm up. Walk in front of the unit. When the unit detects motion, the chime will sound. You can determine the coverage by walking around the area. There will be no chime sound if you walk beyond the sensor's range. By testing the detection range you can adjust the location and the sensor head angle for best coverage of the area you want. Turn the chime off after you've tested the unit.

BATTERY LOW INDICATOR

When in ARM mode the LED will flash once every 3 seconds to indicate when the battery is low. Change the battery promptly to ensure proper functioning.

INTRUSION MEMORY INDICATOR

If there has been an intrusion while the unit was set to ARM mode, it will be indicated by the LED flashing three times when you DISARM the system. Be sure to check your home/office thoroughly after entering.

TROUBLE SHOOTING

Cannot Arm/Disarm the Unit

- Re-enter the security code to make sure it was entered correctly
- if it still doesn't work, remove the battery, wait three minutes before replacing, and try again

If the **Alarm Sound is Low** or the **Sensor is not Detecting Movement**, it indicates that the battery is low, replace battery promptly.

DISCLAIMER: This unit can provide valuable protection for your home and property if utilized properly. However, this unit cannot guarantee complete protection against burglary or robbery, therefore MSI will not be held responsible for any loss or damages which may occur.

MSI mace SECURITY INTERNATIONAL